



U.S. Department
of Transportation
**Research and
Special Programs
Administration**

400 Seventh St., S.W.
Washington, D.C. 20590

DEC 7 2000

DOT-E 10278
(SECOND REVISION)

EXPIRATION DATE: November 30, 2002

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Coleman Company, Inc.
Wichita, Kansas
2. PURPOSE AND LIMITATION:
 - a. This exemption authorizes the transportation in commerce of certain Division 2.1 gases in a non-refillable non-DOT specification inside container conforming with the DOT Specification 2P except for diameter and capacity. This exemption provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.
 - b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.304(d)(3)(ii) in that non-DOT containers are not authorized except as specified herein.
5. BASIS: This exemption is based on the application of Coleman Company Incorporated dated November 16, 2000, submitted in accordance with § 107.109.
6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Petroleum gases, liquefied or Liquefied petroleum gas	2.1	UN1075	N/A

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7. SAFETY CONTROL MEASURES:

a. PACKAGING - Packaging prescribed is a non-refillable, non-DOT specification inside container conforming with Tizzoni & Airolodi specification sheet dated 18 July 1977, Drawing No 1121 dated 20 April 1978, and other drawings on file with the Office of Hazardous Materials Exemptions and Approvals (OHMEA), and with DOT Specification 2P (§ 178.33) except as follows:

§ 178.33-2 Type and size.

(a) * * *

(b) The maximum capacity of the container may not exceed 29 cubic inches (16.3 fluid ounces). The inside diameter may not exceed 4.0 inches.

§ 178.33-5 Material.

(a) Uniform quality chromium plated steel sheet of drawing quality.

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§ 178.33-7 Wall thickness.

(a) The top and side wall thickness may not be less than 0.0126 inch and the base thickness may not be less than 0.0189 inch.

§ 178.33-8 Tests.

(a) One container out of each lot of 1000 or less successively produced must be pressure tested to destruction. Test container may not distort (end may not reverse) at below 175 psig or equivalent pressure at 160° F (whichever is less), and may not burst below 240 psig. The end must reverse before bursting. Should the test sample fail, 10 additional samples must be taken at random from the lot and tested as above. If any of the 10 additional samples fail the test, the lot must be rejected.

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§ 178.33-9 Marking.

(a) * * *

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(1) "DOT-E 10278" in lieu of "DOT 2P".

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b. OPERATIONAL CONTROLS -

1. Each container must be filled in accordance with the provisions of § 173.304(d)(3). Maximum charge pressure may not exceed 55 psig at 70°F, or 125 psig at 130°F. Each container filled for shipment must be heated until contents reaches an equilibrium pressure of 130° F. Acceptable containers must show no leakage, distortion or other defect.

2. The container must be packed in an outside packaging. Each outside packaging must be marked "INSIDE CONTAINERS CONFORM WITH THE PRESCRIBED REGULATIONS".

8. SPECIAL PROVISIONS:

a. A person who is not a holder of this exemption who receives a package covered by this exemption may reoffer it for transportation provided no modifications or changes are made to the package and it is reoffered for transportation in conformance with this exemption and the HMR.

b. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight, cargo vessel.

10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each cargo vessel or motor vehicle used to transport packages covered by this exemption.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

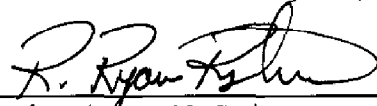
- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when this exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incident involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:


for Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

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(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.
Attention: DHM-31.

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

Copies of exemptions may be obtained from the AAHMS, U.S. Department of Transportation, 400 7th Street, S.W., Washington, DC 20590-0001, Attention: Records Center, 202-366-5046.

PO: AM